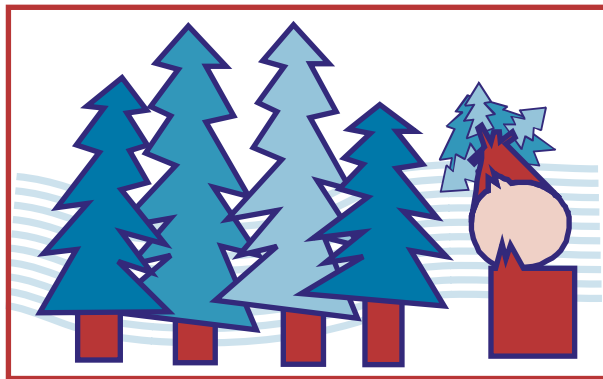


Tuolumne County



Healthcare Information

Contents

	Page
Demographics	
Population.....	2
Education.....	3
Employment.....	3
Population & Healthcare Resources.....	4
Healthcare Resources	
General Acute Care Hospitals.....	6
Long-term Care Facilities.....	12
Primary Care Clinics.....	14
Home Health Agencies.....	15
Hospices.....	16
Hospitalization Characteristics	
Inpatient Overview.....	18
Clinical Overview.....	19
Specific Trends	
Births & Deliveries.....	22
Conditions.....	24
Procedures.....	27
Injuries.....	30



DEMOGRAPHICS

Population

Trends

Age

Race/Ethnicity

Projection

Education

Attainment

Employment

Major Employment Sectors

Unemployment

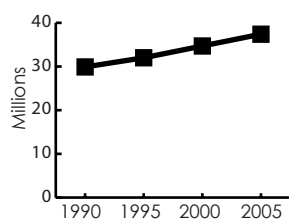
Tuolumne County Demographics

2

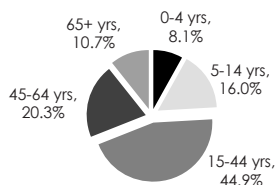


California

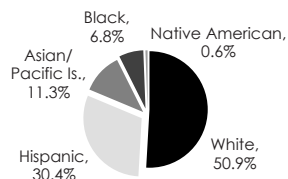
Population Trends



Age 1999

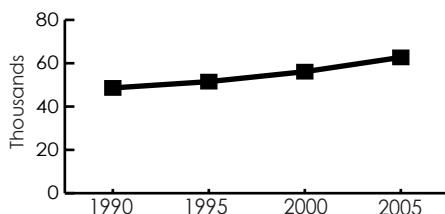


Race/Ethnicity 1999



POPULATION

County Trends

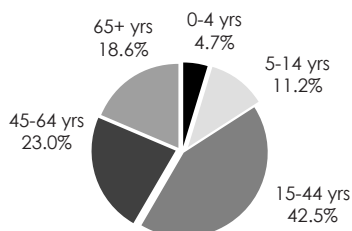


Total

1990	48,647
1995	51,516
2000	56,125
2005	62,733

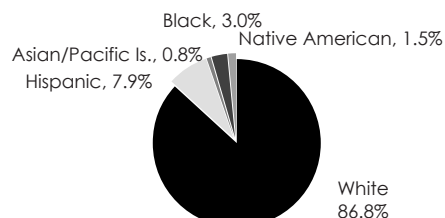
	1995	1996	1997	1998	1999
Births +	492	463	467	477	440
Deaths -	497	517	492	583	528
Emigration/ Immigration	+72	+622	+1,105	+1,506	+1,582
Total Change	+67	+568	+1,080	+1,400	+1,494

Age 1999



Age	Number
0-4 yrs	2,578
5-14 yrs	6,106
15-44 yrs	23,203
45-64 yrs	12,592
65+ yrs	10,152
Total	54,631

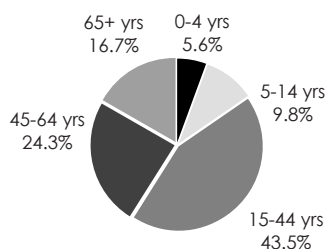
Race/Ethnicity 1999



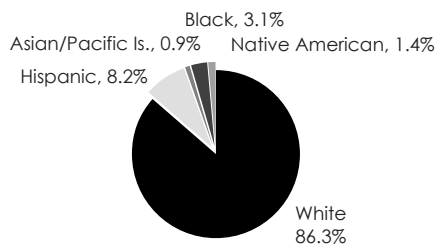
Race	Number
White	47,440
Hispanic	4,316
Asian/Pacific Is.	413
Black	1,645
Native American	817
Total	54,631

Projection 2005

Age



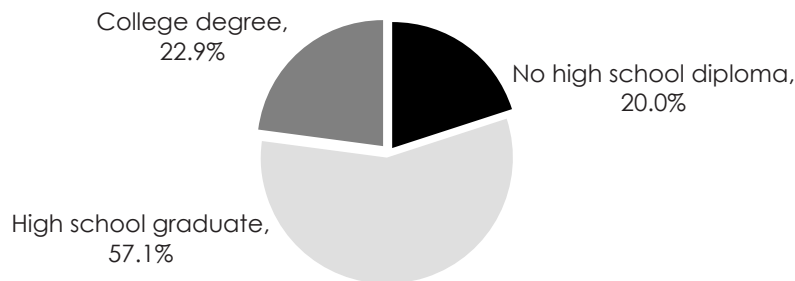
Race/Ethnicity



Source: California Department of Finance.
Note that the population data from 1998 forward are based on projections.

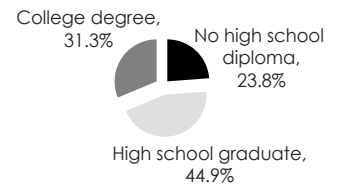
Education

Educational Attainment (based on 1990 census)



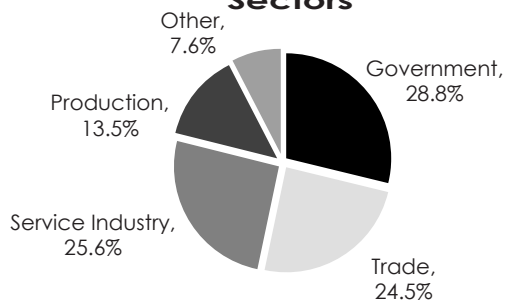
California

Educational Attainment (based on 1990 Census)



Employment Sectors

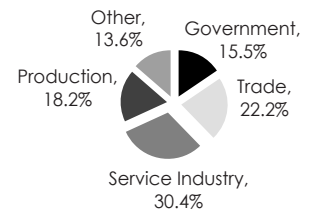
Major Employment Sectors



Major Employment Sectors (1999) Number

Government	4,380
Trade	3,720
Service Industry	3,900
Production	2,060
Other	1,150
Total	15,210

Employment Sectors 1999

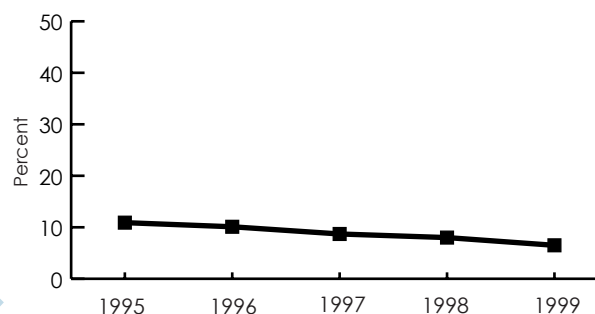


Unemployment

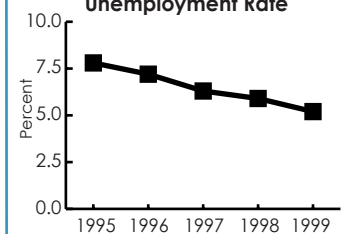
Employment Statistics

	Labor Force	Unemployment Rate
1995	20,280	10.9%
1996	19,590	10.1%
1997	19,840	8.7%
1998	19,640	8.0%
1999	19,960	6.5%

Unemployment Rate



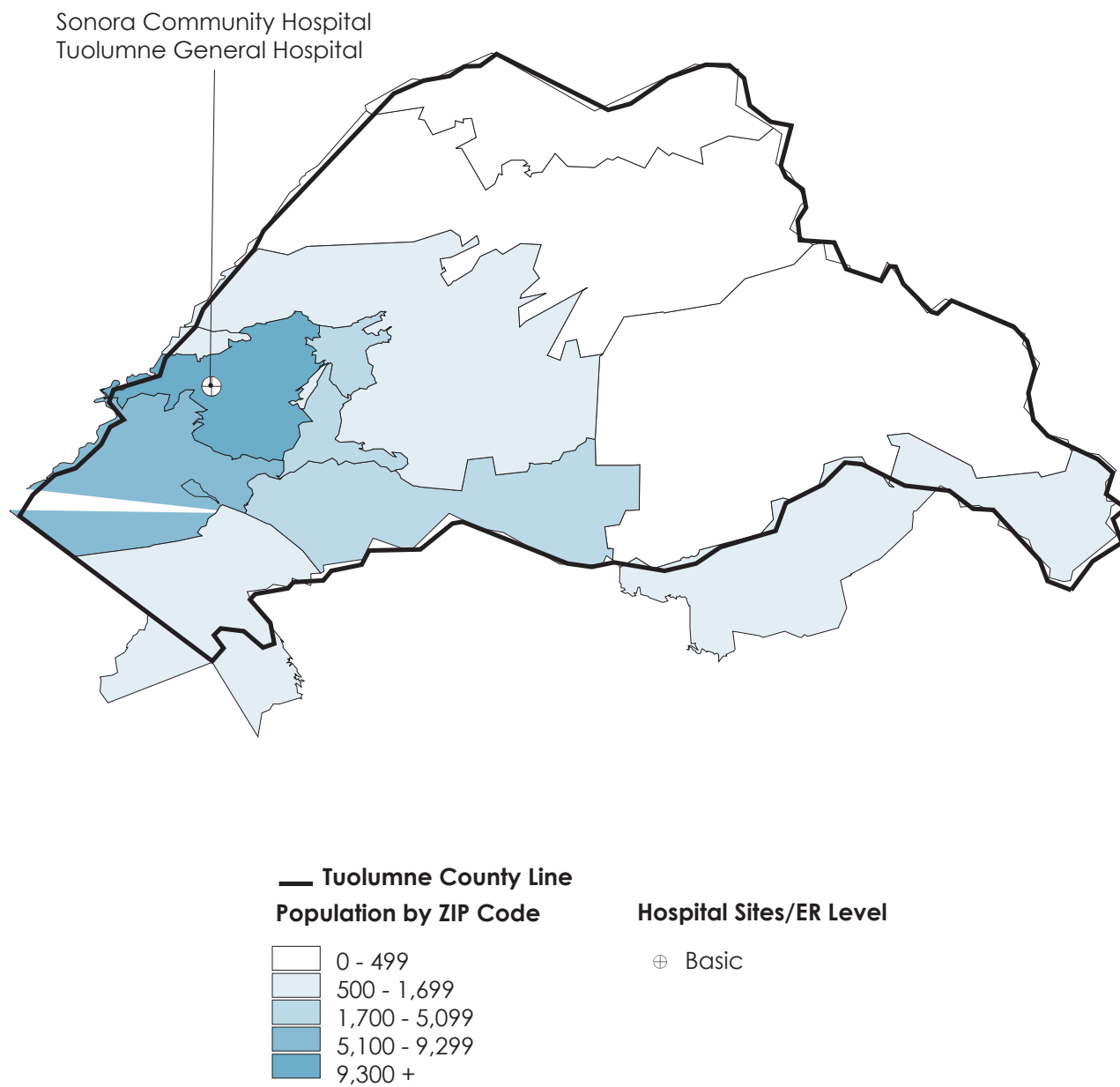
Unemployment Rate



Tuolumne County

Population & Healthcare Resources

4





HEALTH CARE RESOURCES

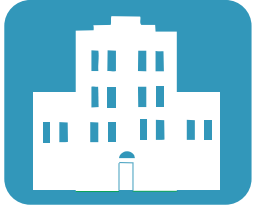
General Acute Care Hospitals

Long-term Care facilities

Clinics

Home Health Agencies

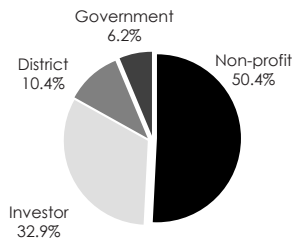
Hospices



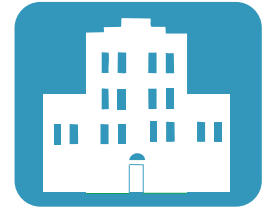
FINANCIAL & UTILIZATION INFORMATION GENERAL ACUTE CARE HOSPITALS 1999

There are two hospitals in Tuolumne County. One is a non-profit, the other is government-owned, both are considered small/rural hospitals and both provide basic emergency services.

**California
Type of Control,
1999**

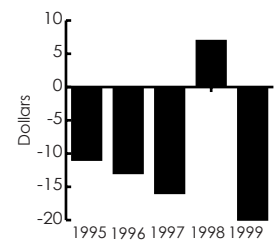


FINANCIAL & UTILIZATION INFORMATION GENERAL ACUTE CARE HOSPITALS 1999

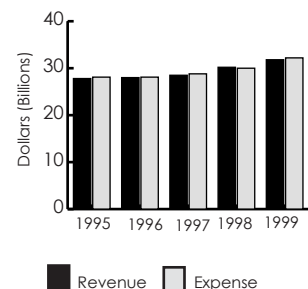


California

**Net Income from Operations
Comparable Hospitals**



**Operating Revenue/Expense
Comparable Hospitals**



Sonora Community Hospital	Tuolumne General Hospital	Income Statement
\$81,007,227	\$40,509,074	Gross Patient Revenue
35,023,066	19,015,449	- Deductions from Revenue
45,984,161	21,493,625	Net Patient Revenue
2,692,864	684,852	+ Other Operating Revenue
48,677,025	22,178,477	Total Operating Revenue
50,395,067	22,954,948	-Operating Expenses
(1,718,042)	(776,471)	Net from Operations
178,979	775,602	+Non-operating Revenue
334,871	0	-Non-operating Expenses
0	0	-Income Taxes
0	0	-Extraordinary Items
(\$1,873,934)	(\$869)	Net Income
Per Adjusted Day		
\$1,082	\$899	Gross Patient Revenue
468	422	- Deductions from Revenue
614	477	Net Patient Revenue
36	15	+Other Operating Revenue
650	492	Total Operating Revenue
673	510	-Operating Expenses
(23)	(17)	Net from Operations
2	17	+Non-operating Revenue
4	0	-Non-operating Expenses
0	0	-Income Taxes
0	0	-Extraordinary Items
(\$25)	\$0	Net Income
Non-Profit	Government	Resource Utilization
143	80	Ownership
34,396	21,419	Available Beds
3,742	1,878	Patient Days
65.9%	73.4%	Discharges
170,613	114,737	Occupancy Rate
3.2	4.3	Outpatient Visits
Basic	Basic	Average Length of Stay
7	8	Emergency Service
Small/Rural	Small/Rural	# of ER Stations
		Specialty/Teaching/Rural

Footnotes:

Per Adjusted Day: This statistic adjusts the number of patient days to compensate for outpatient services.

The financial data on this page reflect disproportionate share payments transferred to a related public entity.

*Excludes data from State, Kaiser, PHF, Shriner, and other non-comparable hospitals.

Note that columns may not add to subtotals due to rounding.

Tuolumne County Healthcare Resources

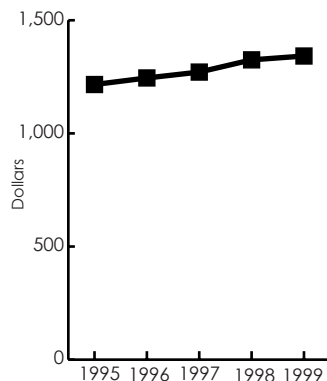
8

ACUTE CARE HOSPITALS

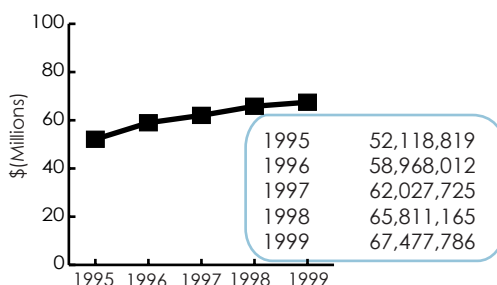
Net Patient Revenue

California

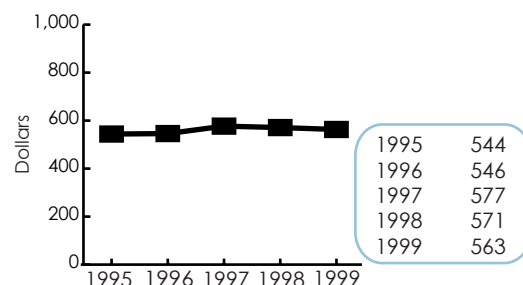
Net Patient Revenue
per Adjusted Day



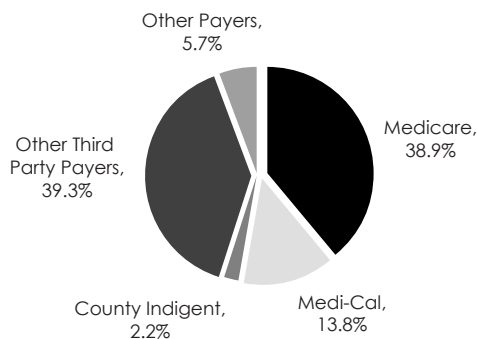
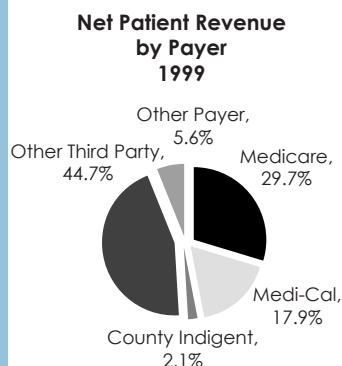
Net Patient Revenue



Net Patient Revenue
per Adjusted Day

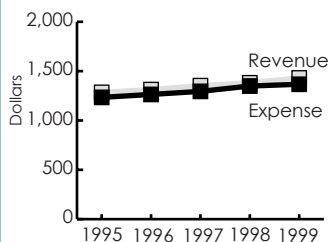


Net Patient Revenue by Payer 1999

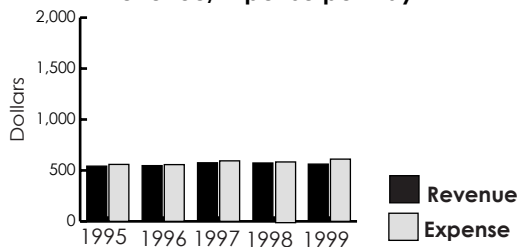


Net Patient Revenue/Expense

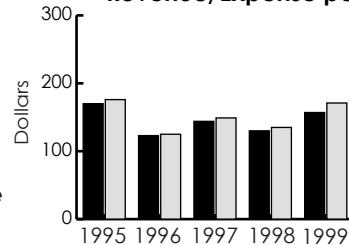
Net Inpatient
Revenue/Expense
per Day



Net Inpatient
Revenue/Expense per Day



Net Outpatient
Revenue/Expense per Visit

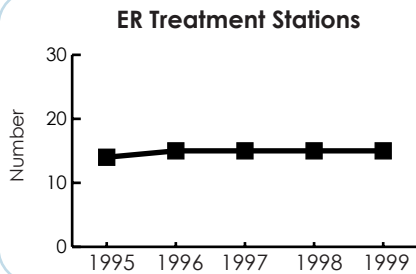


	Net Inpatient Revenue per Day	Net Inpatient Expense per Day	Net Outpatient Revenue per Visit	Net Outpatient Expense per Visit
1995	\$542	\$559	\$170	\$176
1996	547	557	123	125
1997	575	594	144	149
1998	573	596	130	135
1999	562	611	157	171

Emergency Room Services

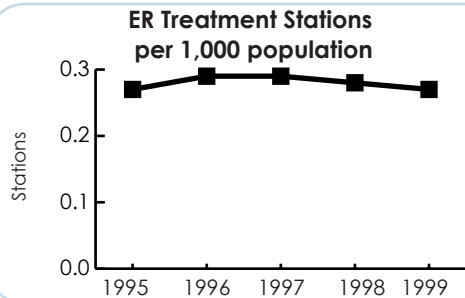


California



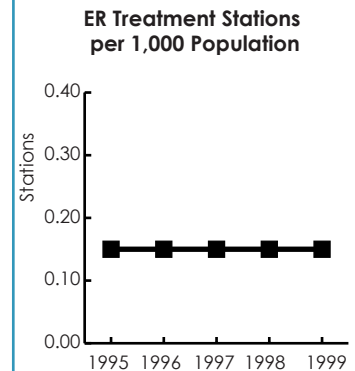
Hospitals with Emergency Services by Type, 1999:

Comprehensive:	0
Basic:	2
Standby:	0
Trauma:	0

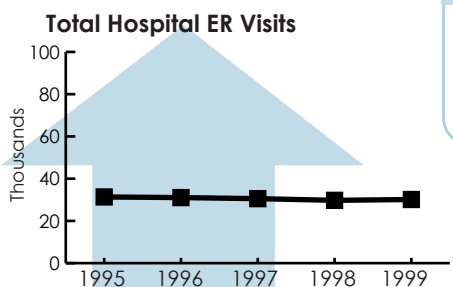


ER Treatment Stations per 1,000 Pop.

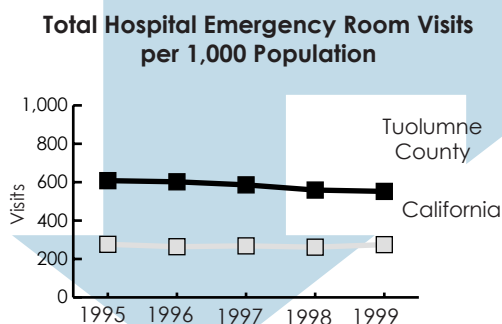
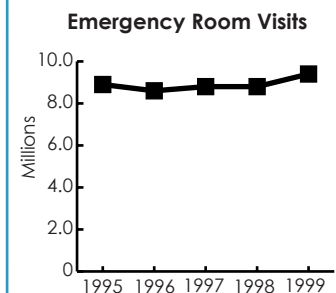
Year	Stations	per 1,000 Pop.
1995	14	0.27
1996	15	0.29
1997	15	0.29
1998	15	0.28
1999	15	0.27



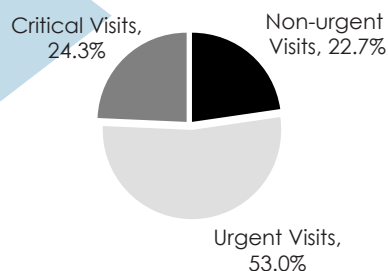
Emergency Room Visits



	ER Visits	ER Visits per 1,000 Pop.	% of ER Visits Resulting in Admit
1995	31,343	608	9.0
1996	31,041	602	9.1
1997	30,536	586	9.5
1998	29,742	559	9.9
1999	30,137	552	9.9



ER Visits, Tuolumne County, 1999

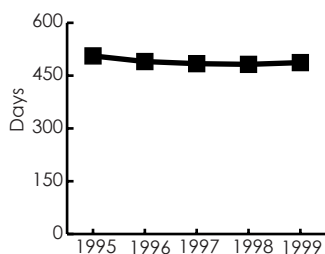


Graphs include data from comparable GAC hospitals plus Kaiser.
Source: California Department of Finance, OSHPD Hospital Utilization database.

Tuolumne County Specific Trends

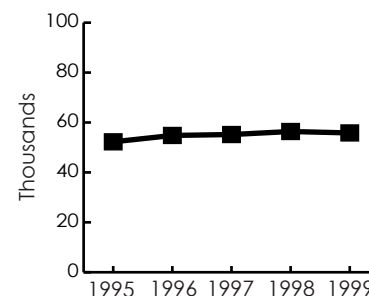
California

**Patient Days
per 1,000 Population**

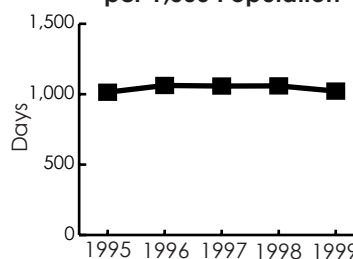


	Days	per 1,000 pop.
1995	52,248	1,014
1996	54,806	1,062
1997	55,178	1,058
1998	56,389	1,059
1999	55,815	1,022

Patient Days

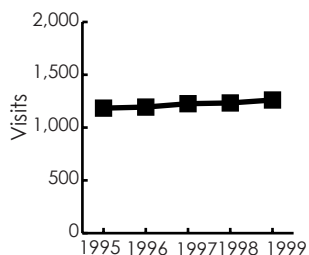


**Patient Days
per 1,000 Population**



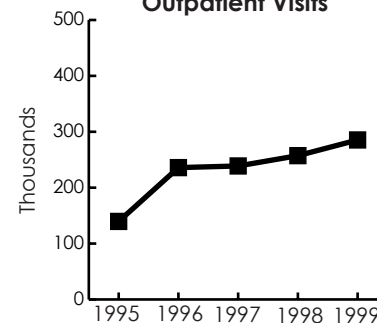
Outpatient Visits

**Outpatient Visits
per 1,000 Population**

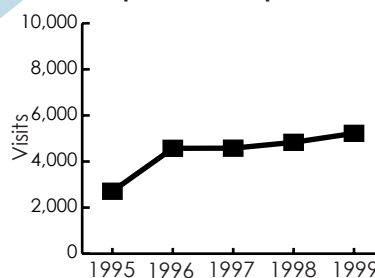


	Outpatient Visits	per 1,000 pop.
1995	139,616	2,710
1996	235,875	4,573
1997	238,824	4,579
1998	257,282	4,833
1999	285,350	5,223

Outpatient Visits

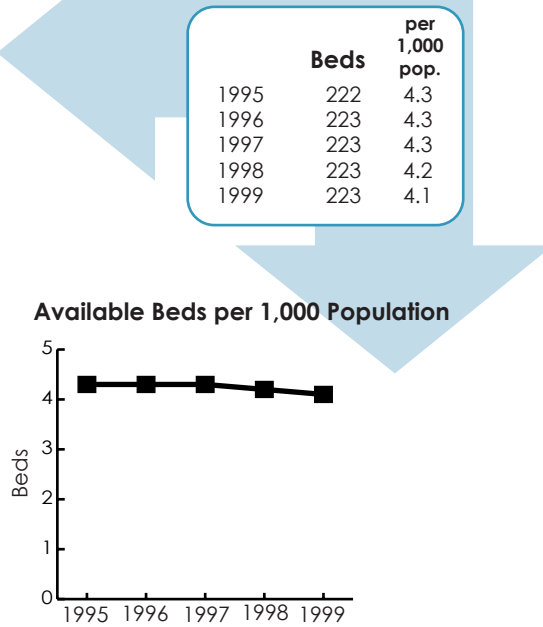
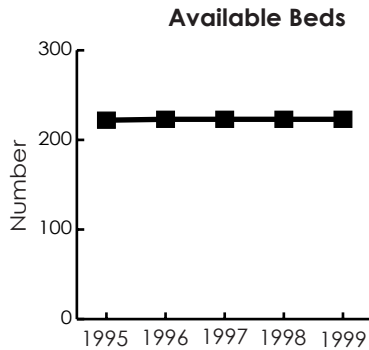


**Outpatient Visits
per 1,000 Population**

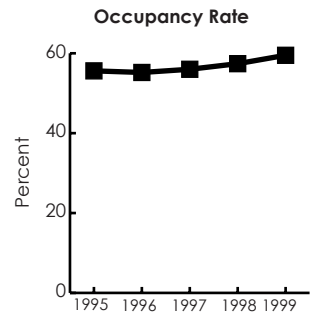
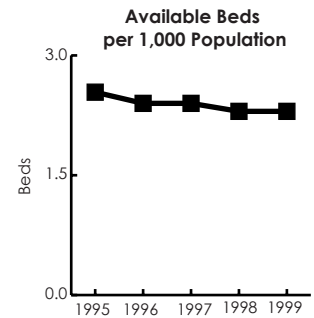


Graphs include data from comparable GAC hospitals plus Kaiser.
Source: OSHPD Annual Hospital Financial Disclosure Reports.

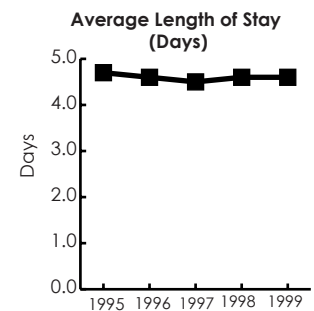
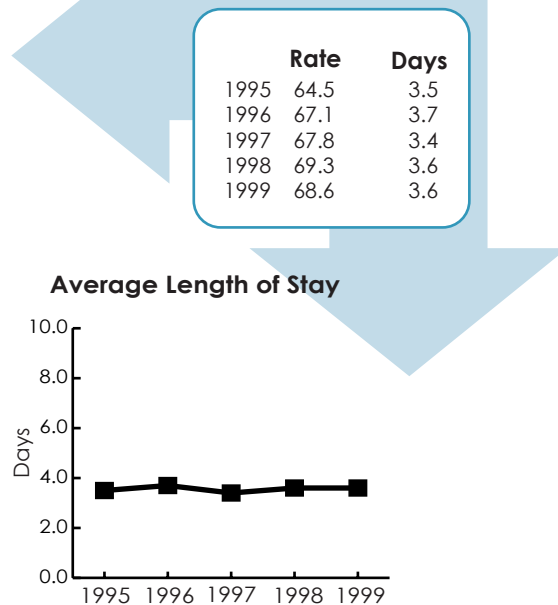
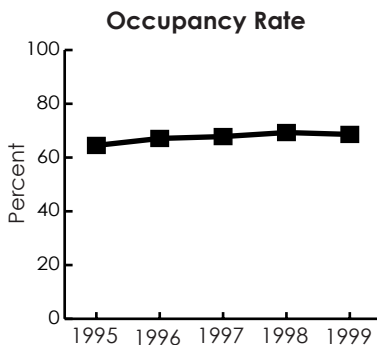
Available Beds



California



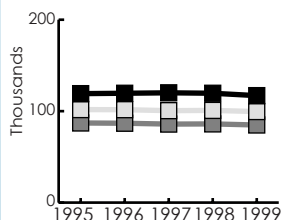
Occupancy Rate



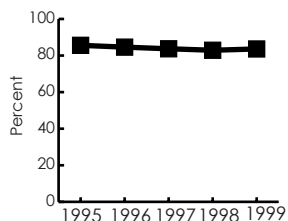


California

Trends



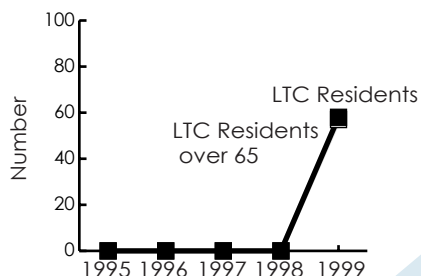
Occupancy Rate



LONG-TERM CARE FACILITIES

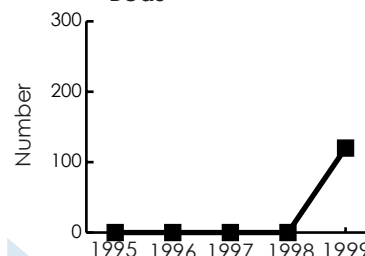
County Trends

LTC Residents



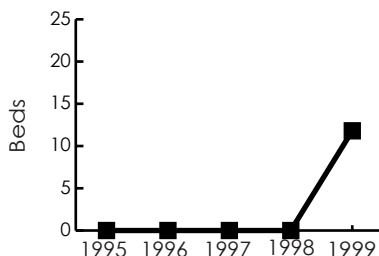
	LTC Residents	LTC Residents over 65
1995	0	0
1996	0	0
1997	0	0
1998	0	0
1999	58	57

Beds



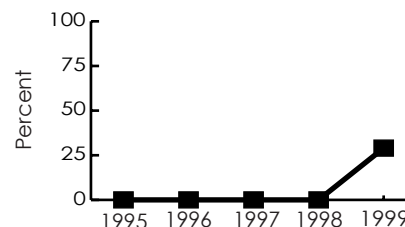
	Beds
1995	0
1996	0
1997	0
1998	0
1999	120

LTC Beds per 1,000 County Residents Over 65



	LTC Beds per 1,000 County Residents over 65
1995	0.0
1996	0.0
1997	0.0
1998	0.0
1999	11.8

LTC Occupancy Rate



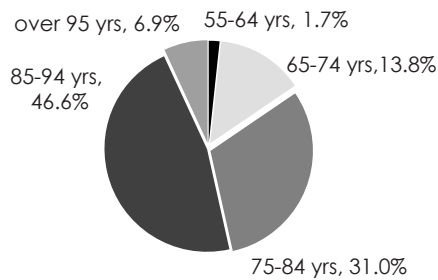
	Occupancy Rate
1995	0.0
1996	0.0
1997	0.0
1998	0.0
1999	29.0

Residents 1999

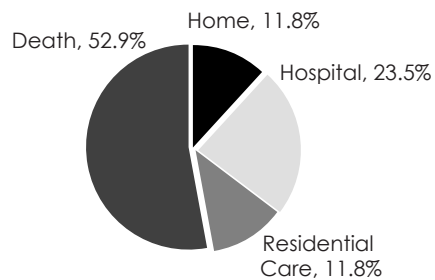


California

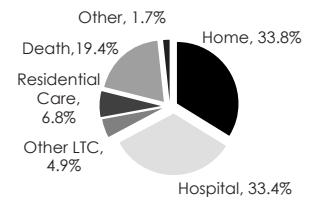
Age



Discharged To



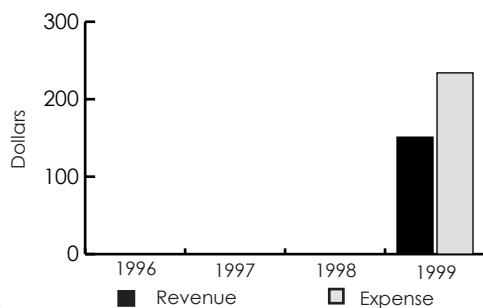
Discharged To 1999



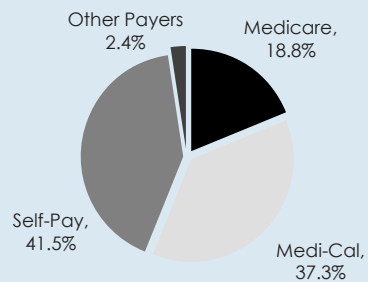
Financial Information

	Revenue per Day	Expense per Day
1996	\$0	\$0
1997	0	0
1998	0	0
1999	151	234

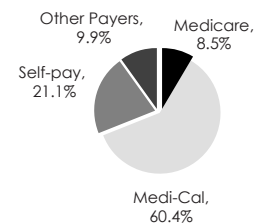
Net Patient Services Revenue & Expense per Census Day



Payers 1999



California Payers, 1999



Tuolumne County Healthcare Resources

14



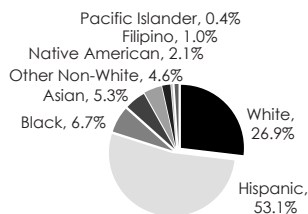
Community clinics:

- tax-exempt nonprofit organizations
- charges are based on patients' ability to pay

Free clinics:

- community clinics, where patients are not charged for services or medicines.

California Clinic Patients Race/Ethnicity 1999

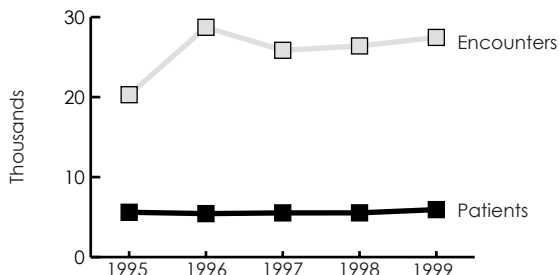


The Poverty Guidelines are issued by the Federal Department of Health and Human Services to estimate the number of persons/families in poverty for determining financial eligibility for Federal programs.

PRIMARY CARE CLINICS

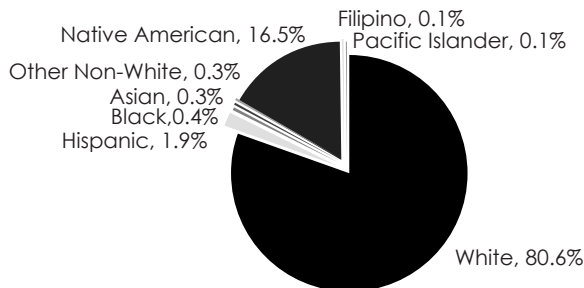
County Trends

Patients & Encounters

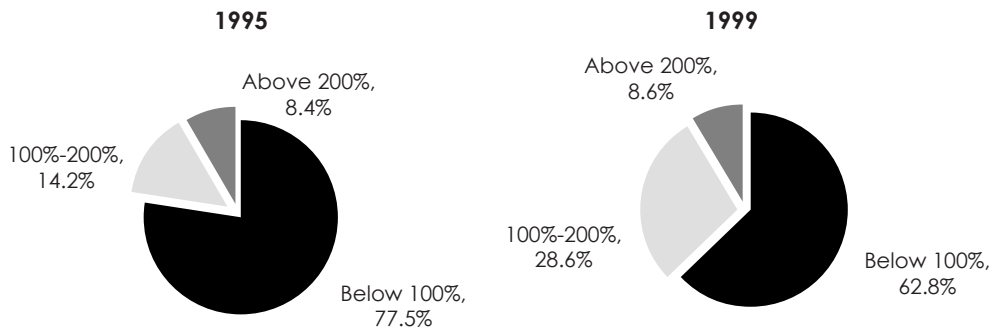


	1995	1996	1997	1998	1999
Patients	5,602	5,435	5,523	5,530	5,935
Encounters	20,298	28,722	25,852	26,395	27,459
# Community	2	2	2	2	2
# Free	0	0	0	0	0

Race/Ethnicity 1999

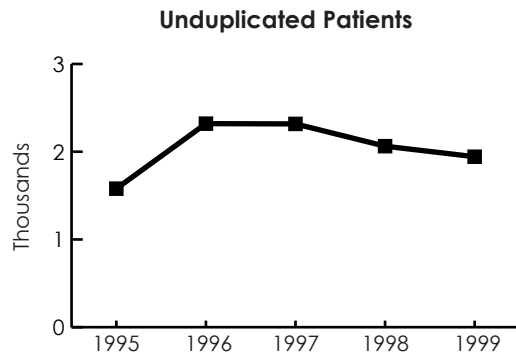


Economic Status (Based on Federal Poverty Levels)



HOME HEALTH AGENCIES

County Trends



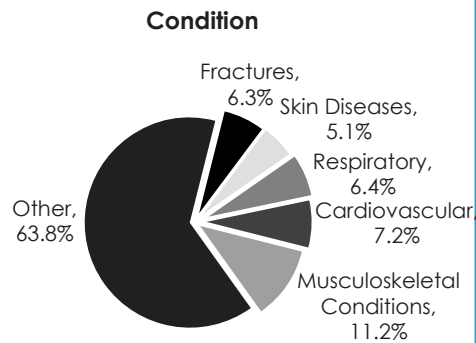
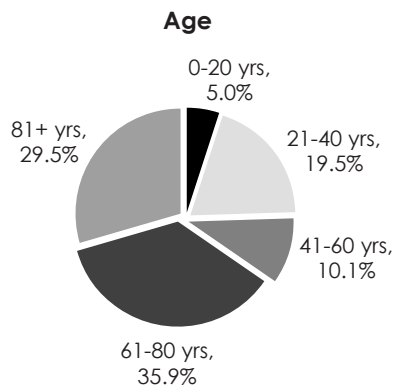
Number

1995	1,579
1996	2,320
1997	2,317
1998	2,063
1999	1,943



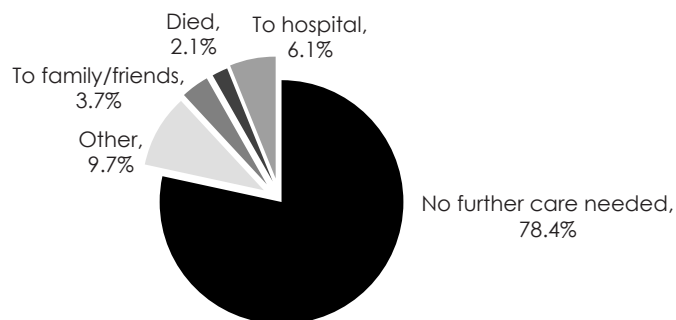
Unduplicated patient: may have been seen more than once but is counted only once as a patient.

Patients 1999



- Nearly 66% of patients in home health agency care are over the age of 60.

Discharged To 1999



Source: OSHPD Home Health Agency Utilization databases.

Edition 2, 2001

Tuolumne County Healthcare Resources

16

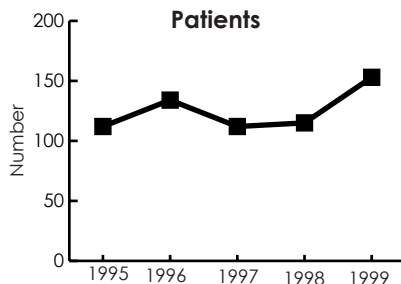


Hospice: palliative care to support a patient in the last phases of life due to the existence of a terminal disease.

- Over 85% of hospice patients are over the age of 60.

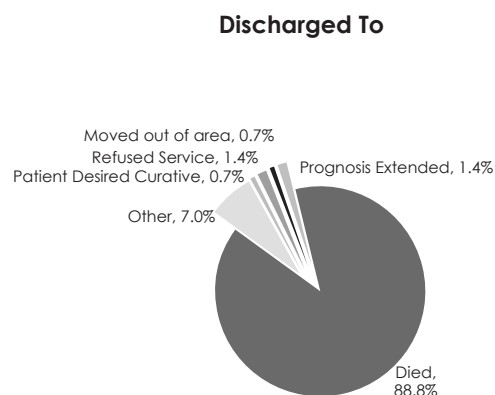
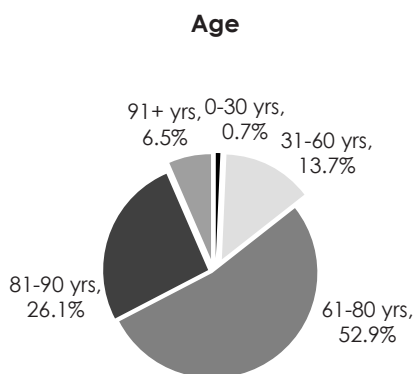
HOSPICES

County Trends

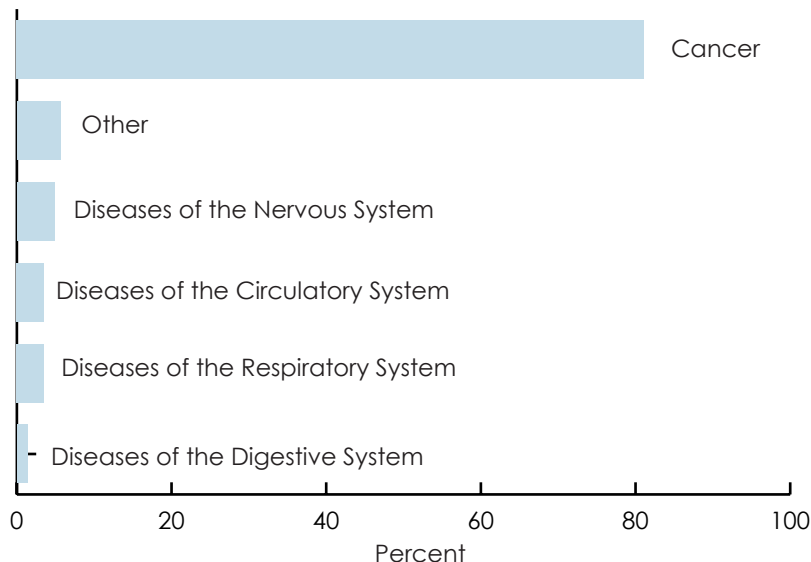


Patients	
1995	112
1996	134
1997	112
1998	115
1999	153

Patients 1999



Conditions Requiring Hospice Care 1999





HOSPITALIZATION CHARACTERISTICS

Inpatient Overview

Trends

Demographics

Admits/Dispositions

Clinical Overview

Types of Hospitalizations/Diagnosis

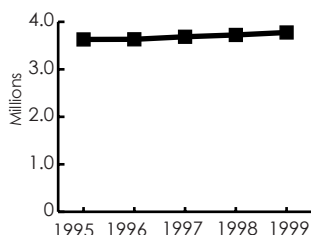
Types of Principal Procedures

Injuries/Types/Types by Age Group



California

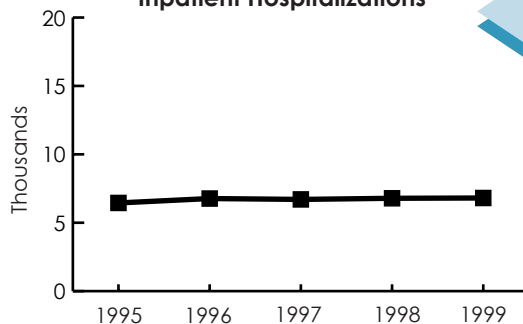
Hospitalizations Trends



INPATIENT OVERVIEW

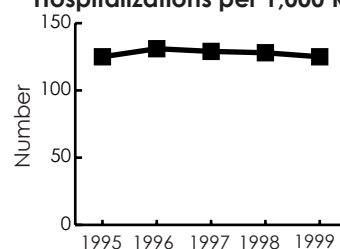
County Trends

Inpatient Hospitalizations



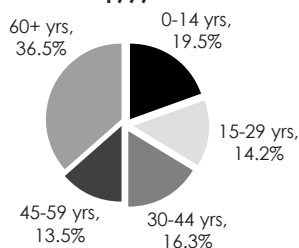
	Inpatients	per 1,000
1995	6,446	125
1996	6,768	131
1997	6,704	129
1998	6,787	128
1999	6,808	125

Hospitalizations per 1,000 Residents

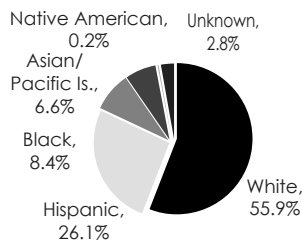


Patients 1999

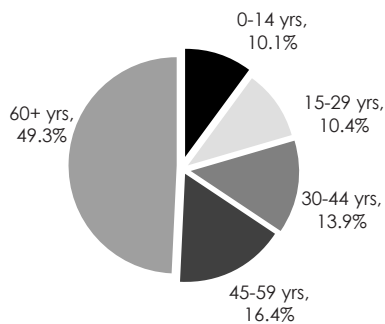
Age 1999



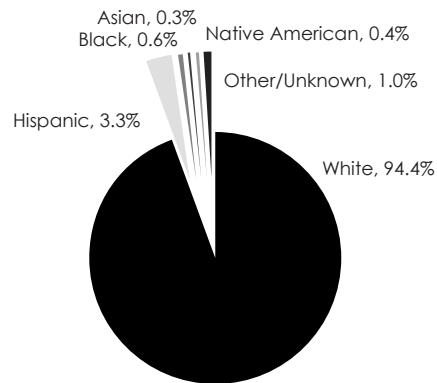
Race/Ethnicity 1999



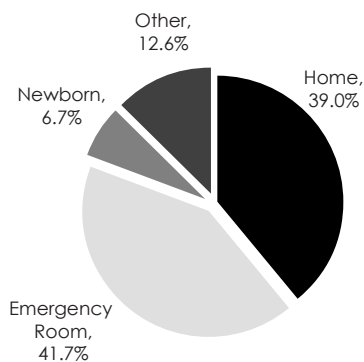
Age



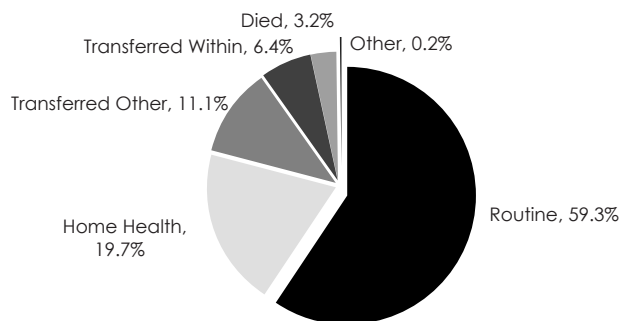
Race/Ethnicity



Admitted From

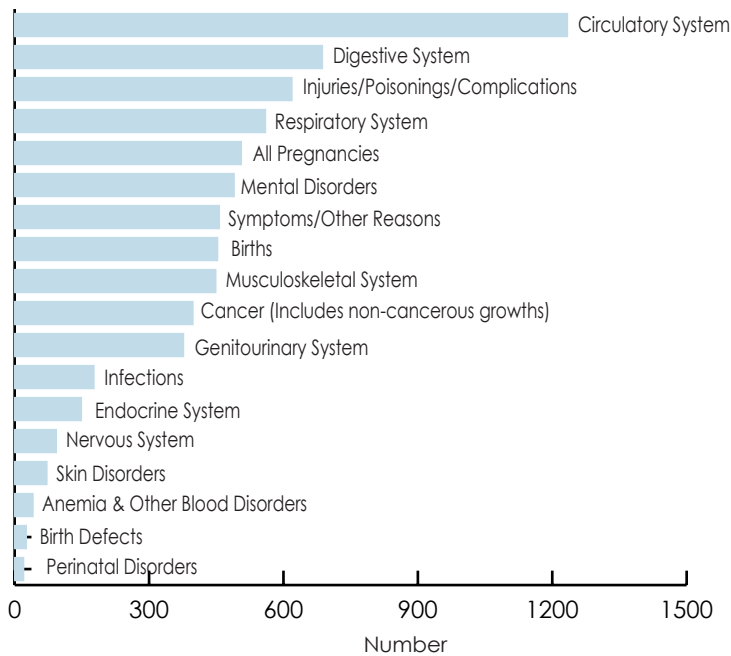


Discharged To

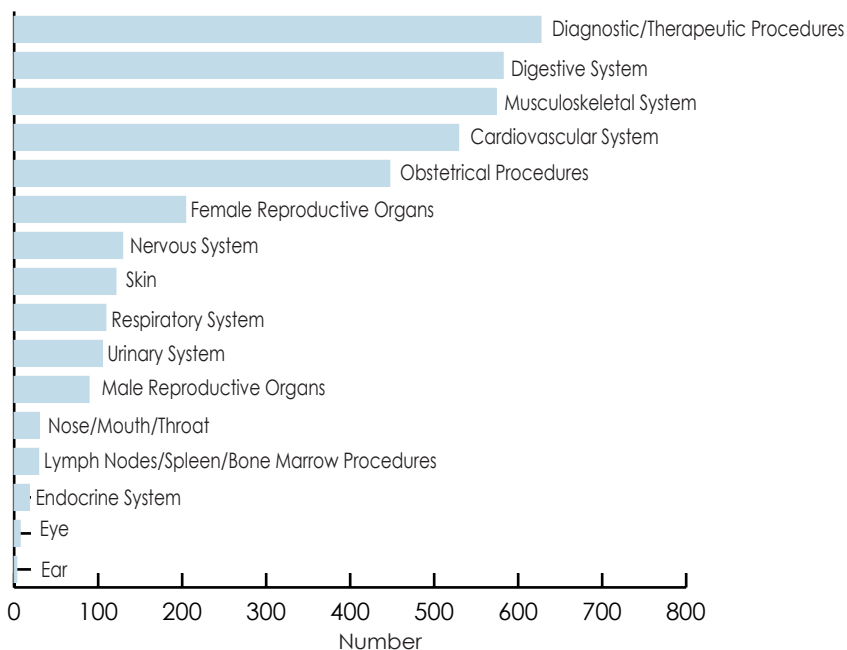


CLINICAL OVERVIEW

Types of Principal Diagnoses 1999



Types of Principal Procedures 1999



- Pregnancies/births account for 14.1% of hospital discharges in Tuolumne County, and 28.3% of hospital discharges statewide.
- Circulatory and digestive system disorders, and injuries/poisonings/complications account for the top three diagnostic categories of hospital discharges in Tuolumne County, excluding pregnancies and births.

- Obstetrical procedures account for 12.4% of inpatient principal procedures performed on Tuolumne County residents and 22.2% of inpatient principal procedures performed statewide.
- Principal procedures performed for digestive, musculoskeletal, and cardiovascular systems are the top three procedure categories for hospital discharges in Tuolumne County, excluding obstetrical and diagnostic/therapeutic procedures.

Tuolumne County

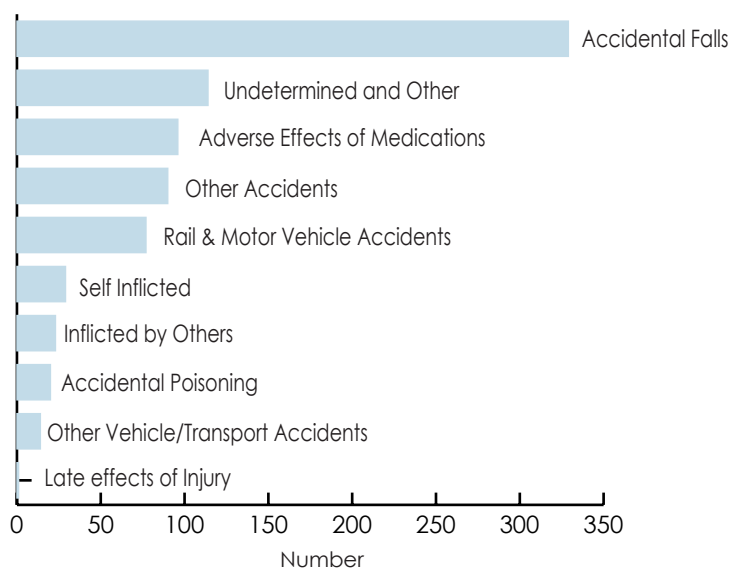
Hospitalization Characteristics

20

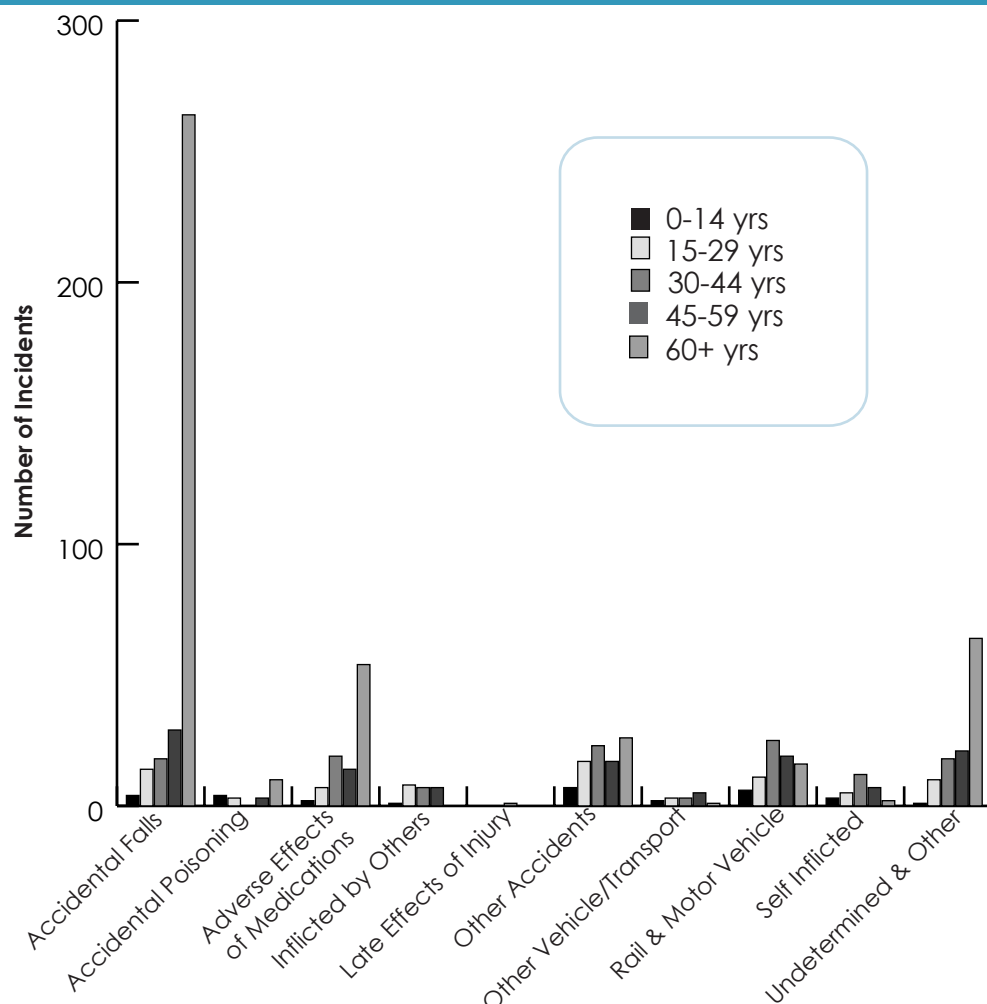


- Accidental falls, undetermined and other accidents, and adverse effects of medications, are the top three principal cause of injuries of Tuolumne County inpatients.

Types of Injuries 1999



Types of Injuries Age 1999



- In Tuolumne County, patients age 60 and over represent 80.2% of discharge records for accidental falls and 56.3% of discharge records for adverse effects of medications.



S P E C I F I C T R E N D S

Selected Conditions

Births & Deliveries

High-risk Deliveries

Asthma

Cancer

HIV

Selected Procedures

Cardiac Bypass

Mastectomy

Prostatectomy

Selected Injuries

Auto Injuries

Drug Poisonings

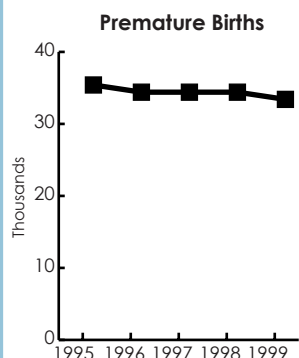
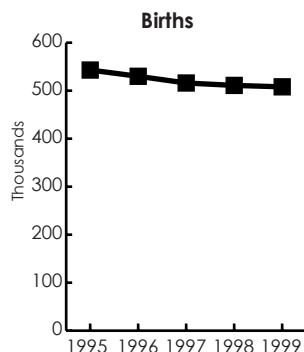
Gunshot Injuries

Santa Cruz County Specific Trends

22



California



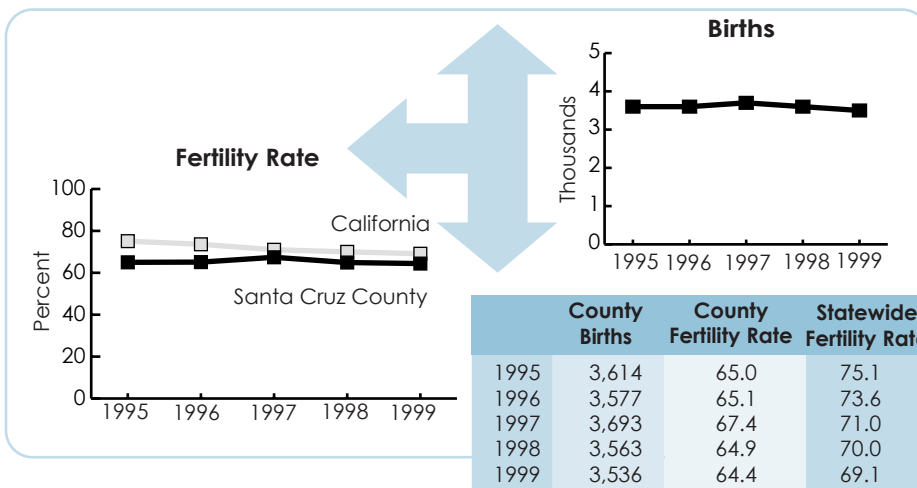
- Fertility rate is calculated by dividing the number of births by the population of females aged 15-44 years, and then dividing by 1,000.

- 26% of all births to California residents were premature.

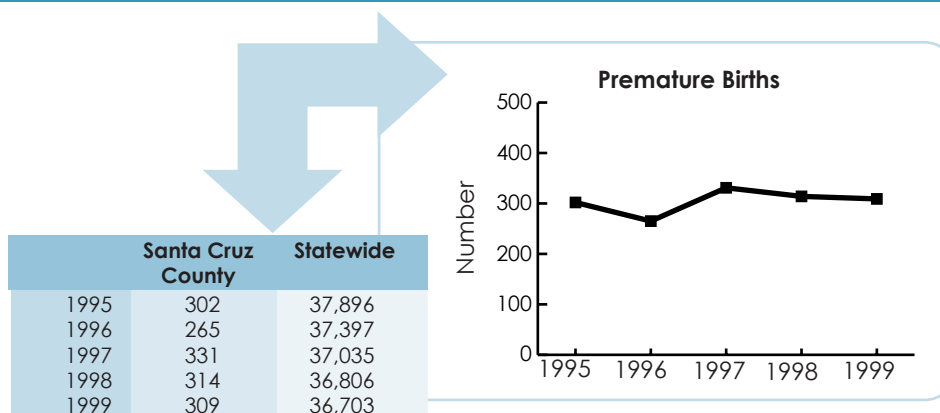
- Year 2010 National Health Objectives Goal: Cesarean section births to equal no more than 15.5% of total births.

BIRTHS & DELIVERIES

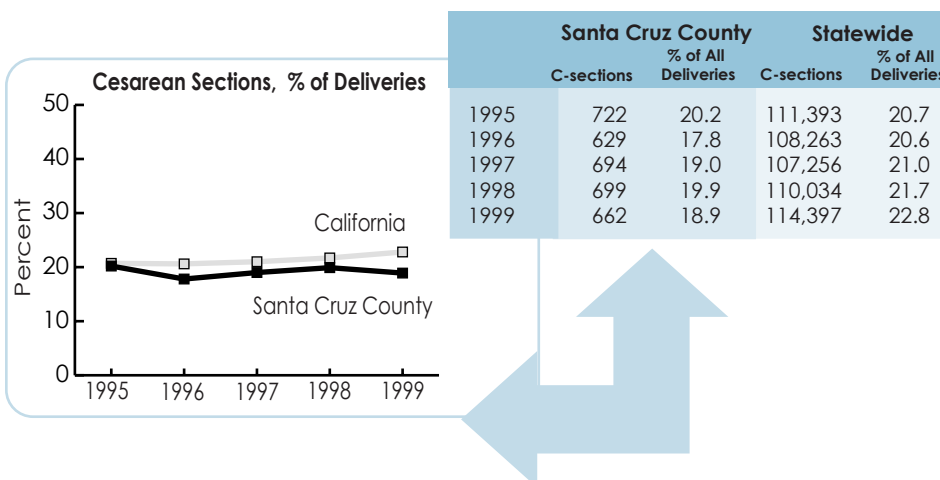
County Trends



Premature Births



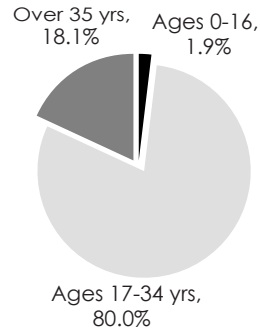
Cesarean Section Deliveries



County Trends

All Deliveries:
Mother's Age at Delivery, 1999

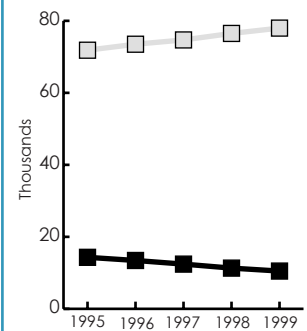
	0-16 yrs		17-34 yrs		Over 35 yrs	
	Number	% of all births	Number	% of all births	Number	% of all births
1995	127	3.6	2,881	80.6	567	15.9
1996	97	2.7	2,862	81.1	570	16.2
1997	99	2.7	2,930	80.3	619	17.0
1998	87	2.5	2,823	80.4	601	17.1
1999	67	1.9	2,802	80.0	635	18.1



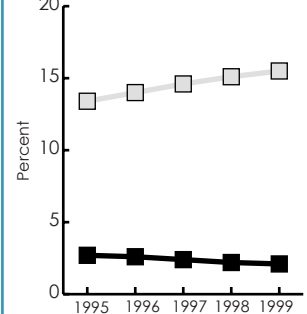
California

- Deliveries by females less than 16 years of age or greater than 35 years of age are considered "high risk."

High Risk Deliveries

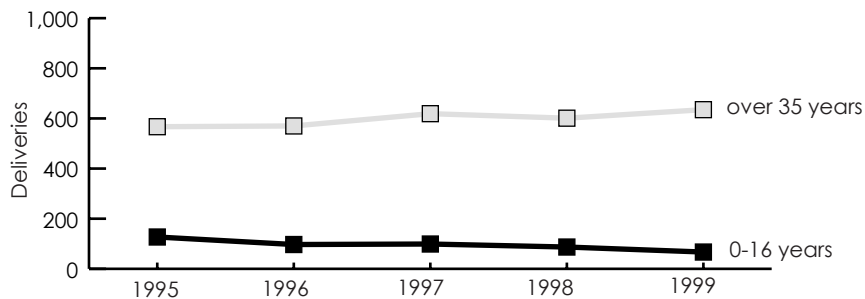


High Risk Deliveries
% of All Deliveries

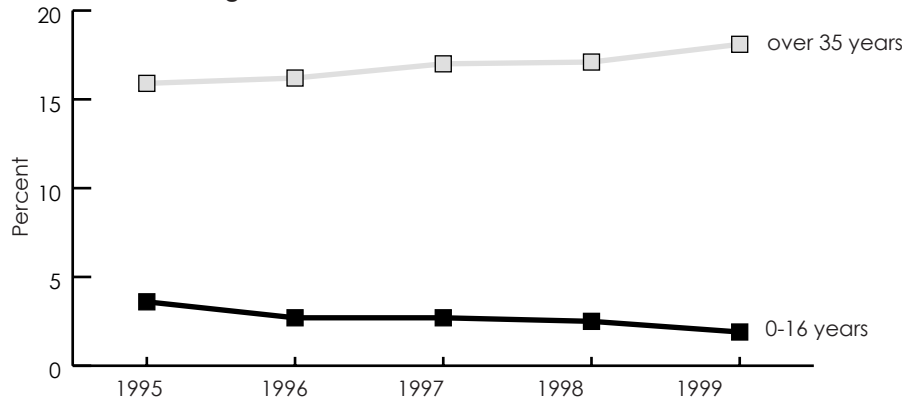


High-risk Deliveries

High-risk Deliveries



High-risk Deliveries, % of All Deliveries

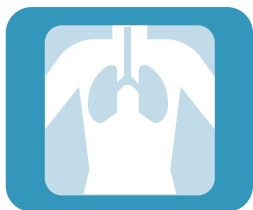


Sources: California Inpatient Discharge Data, OSHPD. Demographic data from CA Dept of Finance. Note that 1998 population figures are based on estimates.

Edition 2, 2001

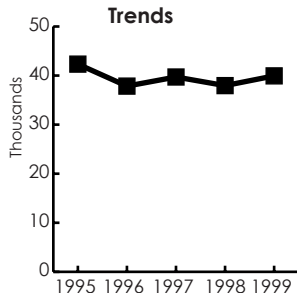
Tuolumne County Specific Trends

24



California

Asthma Hospitalizations Trends



Age-adjusted Rate per 1,000 Pop.

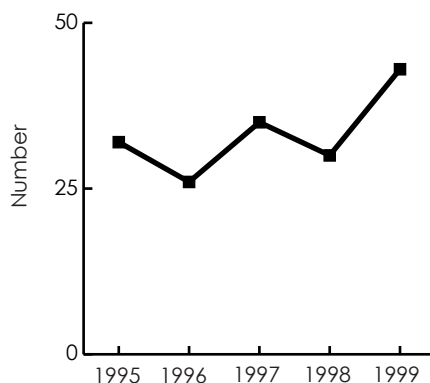
1995	1.30
1996	1.15
1997	1.18
1998	1.12
1999	1.16

ASTHMA

(based on principal diagnosis)

County Trends

Asthma Hospitalizations



Hospitalizations Tuolumne County

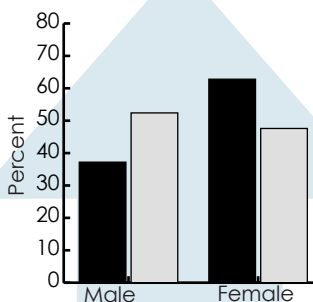
Age-adjusted Rate per 1,000 Pop.

1995	32	0.70
1996	26	0.49
1997	35	0.66
1998	30	0.57
1999	43	0.81

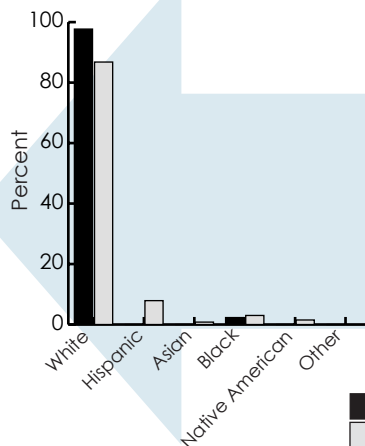
Patients 1999

Percent of County Asthma Patients Compared to the Percent of Total County Population for Each Group

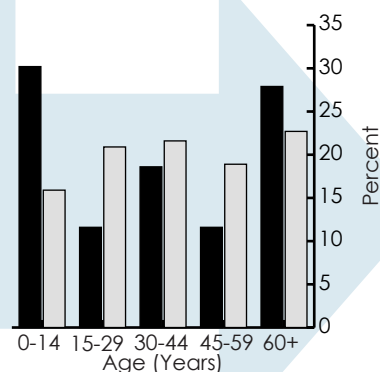
Gender



Race/Ethnicity



Age



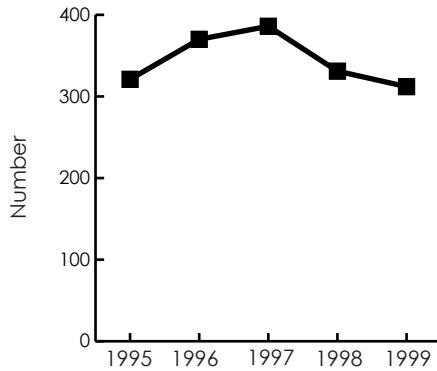
■ % of Asthma Patients
■ % of County Residents

CANCER

(based on principal diagnosis)

County Trends

Cancer Hospitalizations



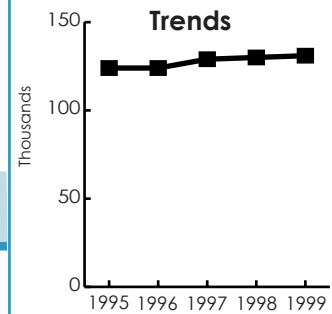
Hospitalizations Tuolumne County Age-adjusted Rate per 1,000 Pop.

1995	321	5.03
1996	370	5.71
1997	386	5.81
1998	331	4.76
1999	312	4.55



California

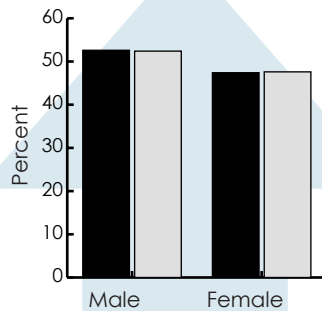
Cancer Hospitalizations Trends



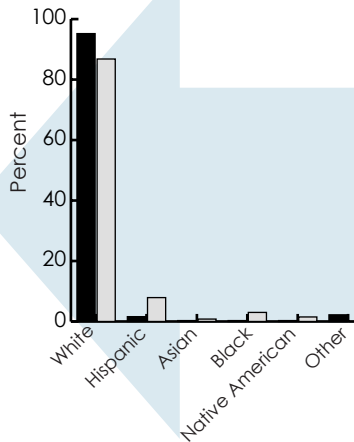
Age-adjusted Rate per 1,000 Pop.

1995	4.44
1996	4.36
1997	4.43
1998	4.37
1999	4.30

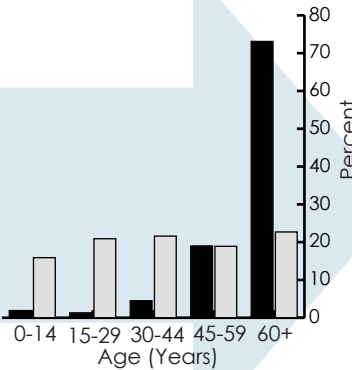
Gender



Race/Ethnicity



Age



% of Cancer Patients
 % of County Residents

Tuolumne County Specific Trends

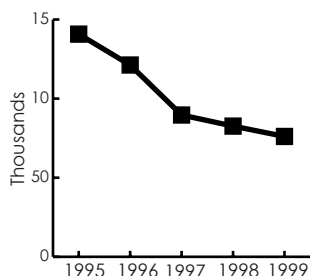
26



California

HIV Hospitalizations

Trends



Age-adjusted Rate per 1,000 Pop.

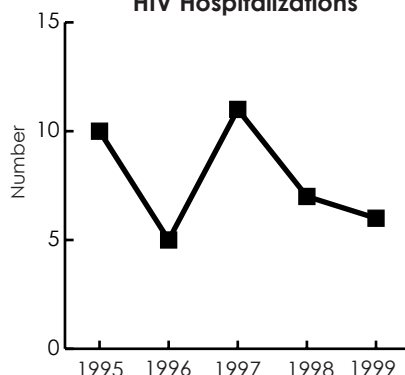
1995	0.43
1996	0.37
1997	0.27
1998	0.25
1999	0.22

HIV

(based on principal diagnosis)

County Trends

HIV Hospitalizations



Hospitalizations Tuolumne County

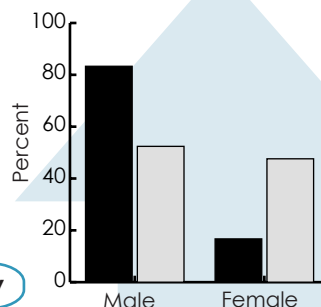
Age-adjusted Rate per 1,000 Pop.

1995	10	0.20
1996	5	0.10
1997	11	0.22
1998	7	0.13
1999	6	0.11

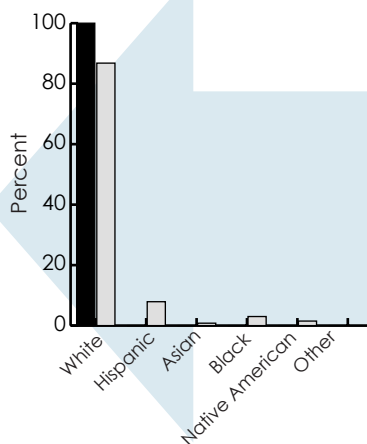
Patients 1999

Percent of County HIV Patients Compared to the Percent of Total County Population for Each Group

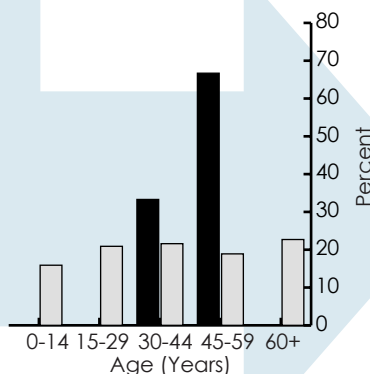
Gender



Race/Ethnicity



Age



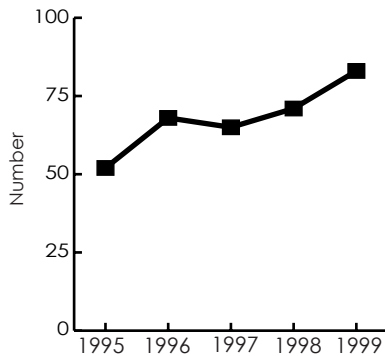
% of HIV Patients
 % of County Residents

CARDIAC BYPASS

(based on principal procedure)

County Trends

Cardiac Bypass Hospitalizations

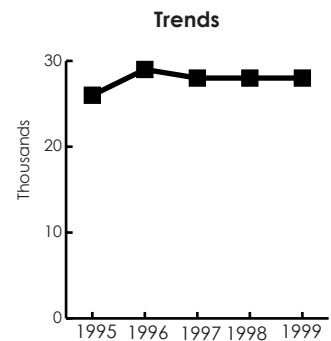


	Hospitalizations Tuolumne County	Age-adjusted Rate per 1,000 Pop.
1995	52	0.85
1996	68	1.05
1997	65	0.98
1998	71	1.07
1999	83	1.20



California

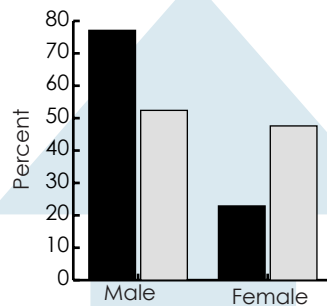
Cardiac Bypass Hospitalizations Trends



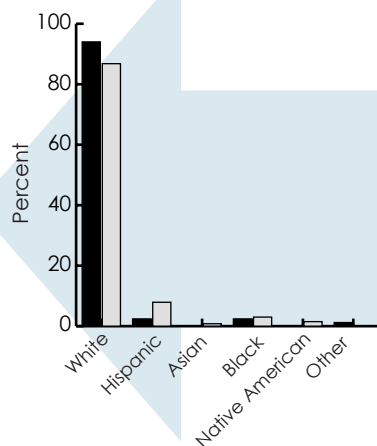
Patients 1999

Percent of County Cardiac Bypass Patients Compared to the Percent of Total County Population for Each Group

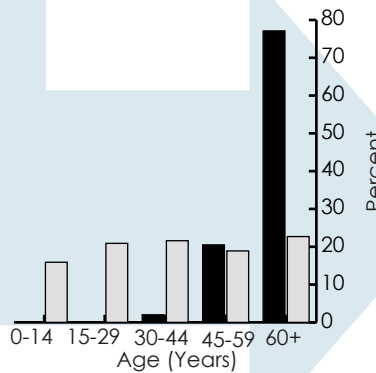
Gender



Race/Ethnicity



Age



% of Bypass Patients
 % of County Residents

Statewide Age-adjusted Rate per 1,000 Pop.

1995	0.97
1996	1.03
1997	0.99
1998	0.96
1999	0.93

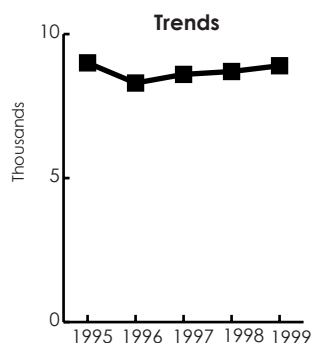
Tuolumne County Specific Trends

28



California

Mastectomy Hospitalizations



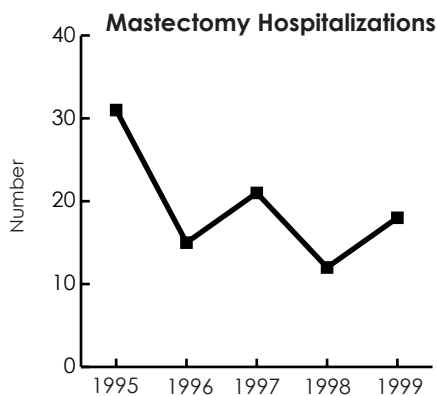
Age-adjusted Rate per 1,000 Pop.

1995	0.32
1996	0.29
1997	0.29
1998	0.29
1999	0.29

MASTECTOMY

(based on principal procedure)

County Trends



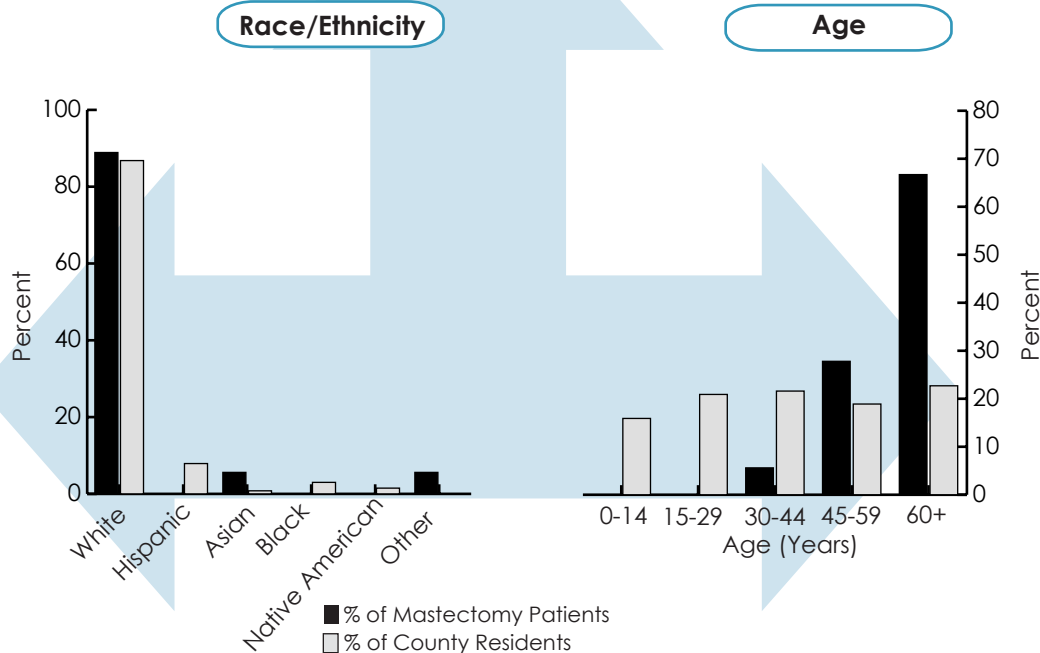
Hospitalizations Tuolumne County

Age-adjusted Rate per 1,000 Pop.

1995	31	0.54
1996	15	0.24
1997	21	0.30
1998	12	0.19
1999	18	0.27

Patients 1999

Percent of County Mastectomy Patients Compared to the Percent of Total County Population for Each Group

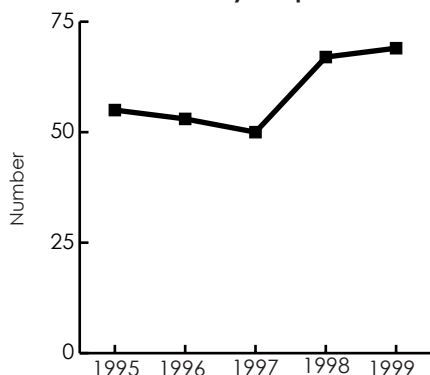


PROSTATECTOMY

(based on principal procedure)

County Trends

Prostatectomy Hospitalizations



Hospitalizations
Tuolumne County

Age-adjusted Rate
per 1,000 Pop.

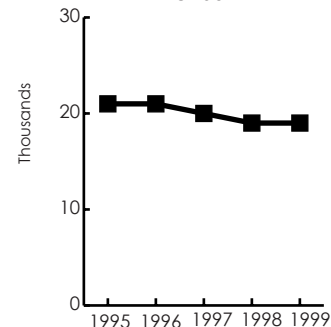
Year	Hospitalizations	Age-adjusted Rate per 1,000 Pop.
1995	55	0.79
1996	53	0.76
1997	50	0.67
1998	67	0.91
1999	69	0.94



California

Prostatectomy
Hospitalizations

Trends

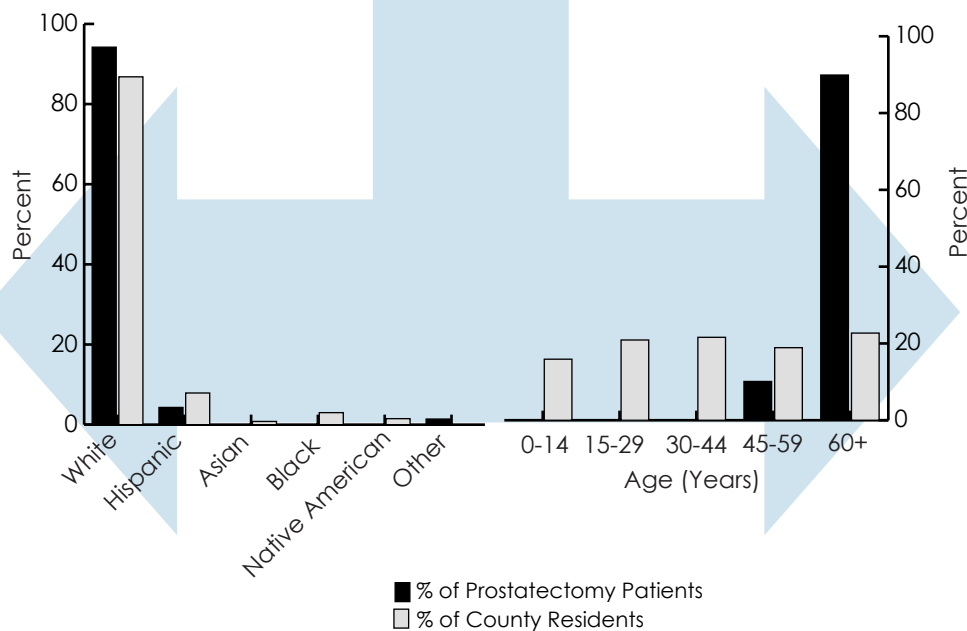


Patients 1999

Percent of County Prostatectomy Patients Compared to the Percent
of Total County Population for Each Group

Race/Ethnicity

Age



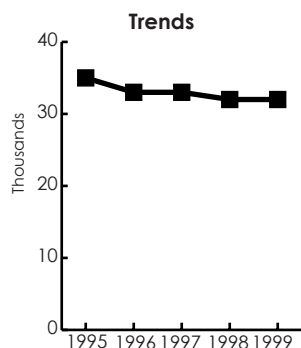
Age-adjusted Rate
per 1,000 Pop.

Year	Age-adjusted Rate per 1,000 Pop.
1995	0.79
1996	0.75
1997	0.72
1998	0.67
1999	0.65



California

Auto Injury Hospitalizations Trends



Age-adjusted Rate per 1,000 Pop.

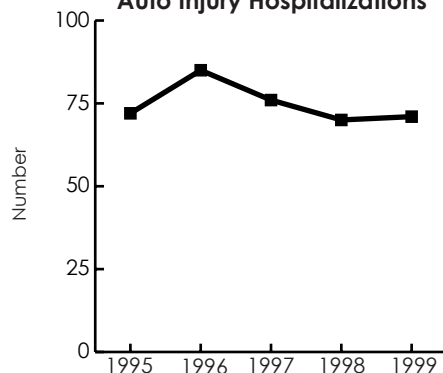
1995	1.08
1996	1.04
1997	1.01
1998	0.98
1999	0.97

AUTO INJURY

(based on first event causing hospitalization)

County Trends

Auto Injury Hospitalizations



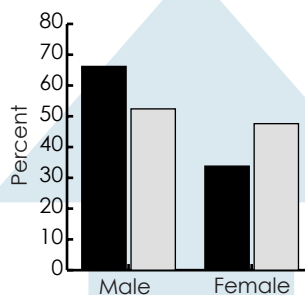
Hospitalizations Tuolumne County Age-adjusted Rate per 1,000 Pop.

1995	72	1.37
1996	85	1.59
1997	76	1.36
1998	70	1.27
1999	71	1.27

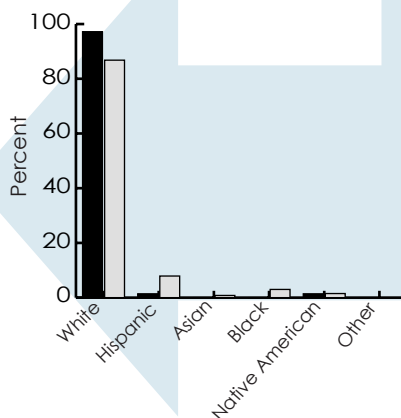
Patients 1999

Percent of County Auto Injury Patients Compared to the Percent of Total County Population for Each Group

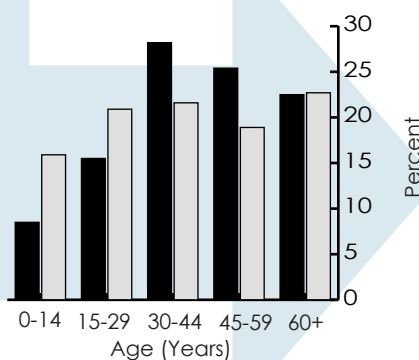
Gender



Race/Ethnicity



Age



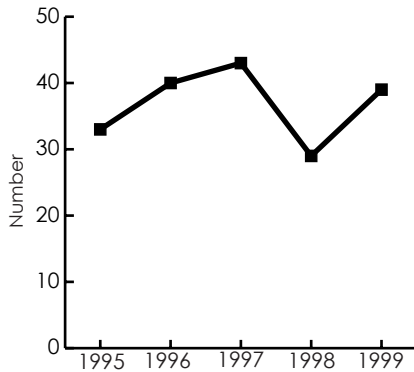
■ % of Auto Accident Patients
□ % of County Residents

DRUG POISONING

(based on first event causing hospitalization)

County Trends

Drug Poisoning Hospitalizations

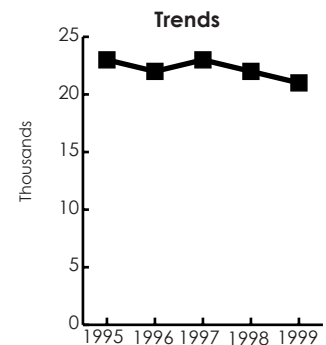


	Hospitalizations Tuolumne County	Age-adjusted Rate per 1,000 Pop.
1995	33	0.67
1996	40	0.79
1997	43	0.75
1998	29	0.51
1999	39	0.70



California

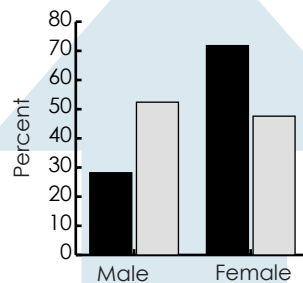
Drug Poisoning Hospitalizations Trends



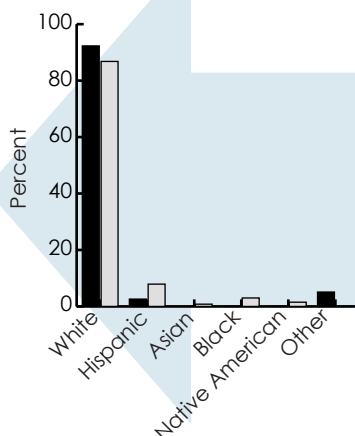
Patients 1999

Percent of County Drug Poisoning Patients Compared to the Percent of Total County Population for Each Group

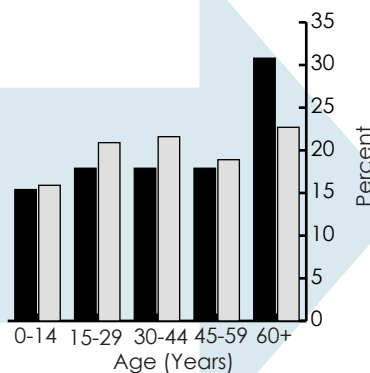
Gender



Race/Ethnicity



Age



■ % of Drug Poisoning Patients
□ % of County Residents

Age-adjusted Rate per 1,000 Pop.

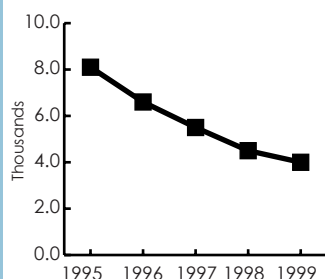
1995	0.72
1996	0.71
1997	0.70
1998	0.66
1999	0.64



California

Gunshot Injury Hospitalizations

Trends



Age-adjusted Rate per 1,000 Pop.

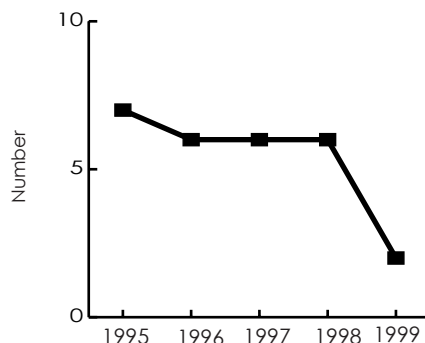
1995	0.24
1996	0.20
1997	0.16
1998	0.13
1999	0.12

GUNSHOT INJURIES

(based on first event causing hospitalization)

County Trends

Gunshot Injury Hospitalizations



Hospitalizations Tuolumne County

Age-adjusted Rate per 1,000 Pop.

1995	7	0.14
1996	6	0.11
1997	6	0.12
1998	6	0.12
1999	2	0.04

Patients 1999

Percent of County Gunshot Injury Patients Compared to the Percent of Total County Population for Each Group

Gender

Race/Ethnicity

Age

Due to the confidential nature of medical information specific gender, race/ethnicity, and age statistics will not be displayed for this county on patient counts of less than five.



For more information please contact...

Healthcare Quality and Analysis Division

Healthcare Information Resource Center

818 K Street, Room 500

Sacramento, CA 95814

(916)322-2814

hirc@oshpd.state.ca.us

www.oshpd.state.ca.us